

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

IN THE CLAIMS

The status of the claims as presently amended is as follows:

1. *(Currently Amended)* A machine-readable storage medium storing a computer-executable program containing instructions for:

reading musical score displaying data, ~~said musical score displaying data~~ comprising:

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of position information indicative of a display position on a musical staff where the note or musical score symbol is to be placed; and

data of attribute information designating any one of a plurality of musical stave rows where the note or musical score symbol is to be displayed~~[[,]]; and~~

~~whereby displaying~~ note or musical score symbols of a same performance part ~~can be displayed~~ across a plurality of musical stave rows, in accordance with designation by the attribute information, in an apparatus ~~arranged to use the~~ for displaying musical score displaying data ~~by reading out the musical score displaying data from said storage medium.~~

2. *(Currently Amended)* A machine-readable storage medium as claimed in claim 1, wherein:

said musical score displaying data for a music piece include a group of event data representative of note or musical score symbols of the music piece,

the data of the note information and the data of the position information are included in normal event data of a note or musical score symbol, and

the data of the attribute information is imparted, as attribute event data, to the normal event data of a corresponding note or musical score symbol.

3. *(Currently Amended)* A machine-readable storage medium as claimed in claim 1, wherein:

said musical score displaying data for a music piece include a group of event data representative of a note or musical score symbol of the music piece,

the data of the note information and the data of the position information are included in normal event data of note or musical score symbols, and

the data of the attribute information is included in normal event data of a corresponding note or musical score symbol.

4. *(Currently Amended)* A musical score display apparatus for displaying a musical score on the basis of musical score displaying data, said musical score displaying data comprising:

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of position information indicative of a display position on a musical score where the note or musical score symbol is to be placed; and

data of attribute information designating any one of a plurality of musical stave rows where the note or musical score symbol is to be displayed,

wherein said musical score display apparatus comprises:

a display section; and

a processing section coupled with said display section and adapted to:

determine a note or musical score symbol to be displayed on a musical score[[,]] in accordance with the note or musical score information;

determine a display position on the musical score₁ where the note or musical score symbol is to be placed, in accordance with the position information; and

determine any one of a plurality of musical stave rows₁ where the note or musical score symbol is to be displayed, in accordance with the attribute information, ~~and~~

wherein said display section displays the note or musical score symbol on a musical score in accordance with ~~determination by~~ said processing section, ~~whereby and displays~~ note or musical score symbols of a same performance part ~~can be displayed~~ across a plurality of musical stave rows in accordance with designation by the attribute information.

5. *(Currently Amended)* A musical score display apparatus as claimed in claim 4₁ wherein[[,]] when note or musical score symbols of a same performance part are to be displayed across a plurality of musical stave rows, in accordance with the designation by the attribute information and a given musical score symbol is to be displayed with the plurality of note marks to be displayed across the plurality of musical stave rows, the given musical score symbol is displayed across the plurality of musical stave rows along with the plurality of note marks.

6. *(Currently Amended)* A musical score display apparatus as claimed in claim 4₁ wherein said musical score displaying data are stored in a memory, and said processing section reads out the musical score displaying data from the memory and performs processing in accordance with the note or musical score information, the position information or the attribute information included in the read-out musical score displaying data.

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

7. (*Currently Amended*) A musical score display apparatus as claimed in claim 4, further comprising which further comprises an interface section via which ~~to receive~~ the musical score displaying data from outside said musical score display apparatus is received, and where said processing section performs ~~processing~~ on the basis of the musical score displaying data received via said interface section.

8. (*Currently Amended*) A computer-readable storage medium storing a computer-executable program containing a group of instructions for causing a computer ~~to perform display~~ musical score ~~display processing~~ based on musical score displaying data, said musical score displaying data comprising:

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of position information indicative of a display position on a musical score where the note or musical score symbol is to be placed; and

data of attribute information designating any one of a plurality of musical stave rows where the note or musical score symbol is to be displayed,

wherein said ~~musical score display processing group of instructions~~ comprises:

~~a step of~~ determining a note or musical score symbol to be displayed on a musical score, in accordance with the note or musical score information;

~~a step of~~ determining a display position on the musical score, where the note or musical score symbol is to be placed, in accordance with the position information; ~~and~~

~~a step of~~ determining any one of a plurality of musical stave rows, where the note or musical score symbol is to be displayed, in accordance with the attribute information, ~~whereby,~~ and

displaying note or musical score symbols of a same performance part ~~can be displayed~~ across different musical stave rows in accordance with designation by the attribute information.

9. (*Currently Amended*) A computer-readable storage medium program as claimed in claim 8, wherein ~~said musical score display processing further comprises a step of displaying~~ the note or musical score symbol is displayed on a musical stave visually shown on a display section.

10. (*Currently Amended*) A machine-readable storage medium storing a computer-executable program containing instructions for:

reading musical score displaying data, ~~said musical score displaying data~~ comprising:

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of timing information indicative of a horizontal display position on a musical score where the note or musical score symbol is to be placed; and

data of attribute information designating a horizontal offset display position relative to the display position indicated by the timing information[.]; and

~~whereby varying~~ a horizontal display position, on a musical score, of a note or musical score symbol ~~can be varied~~, in accordance with designation by the attribute information, in an apparatus ~~arranged to use the for displaying~~ musical score displaying data ~~by reading out the musical score displaying data from said storage medium.~~

11. *(Currently Amended)* A machine-readable storage medium storing a computer-executable program containing instructions for:

reading musical score displaying data, ~~said musical score displaying data~~ comprising:

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of position information indicative of a display position on a musical score where the note or musical score symbol is to be placed; and

data of attribute information designating a vertical offset display position relative to a specific display position[.]; and

~~whereby varying~~ a vertical display position, on a musical score, of a musical score symbol ~~can be varied~~, in accordance with designation by the attribute information, in an apparatus ~~arranged to use the for displaying~~ musical score displaying data ~~by reading out the musical score displaying data from said storage medium.~~

12. *(Currently Amended)* A machine-readable storage medium storing a computer-executable program containing instructions for:

reading musical score displaying data, ~~said musical score displaying data~~ comprising:

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of timing information indicative of a horizontal display position on a musical score where the note or musical score symbol is to be placed;

data of first attribute information designating a horizontal offset display position relative to the display position indicated by the timing information; and

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

data of second attribute information designating a vertical offset display position relative to a specific display position[[]]; and
whereby varying a horizontal display position, on a musical score, of a note or musical score symbol ~~can be varied~~, in accordance with designation by said first attribute information, and varying a vertical display position, on a musical score, of a musical score symbol ~~can be varied~~, in accordance with designation by said second attribute information, in an apparatus ~~arranged to use the for displaying musical score displaying data by reading out the musical score displaying data from said storage medium.~~

13. *(Currently Amended)* A machine-readable storage medium as claimed in claim 12, wherein:
said musical score displaying data for a music piece include a group of event data representative of note or musical score symbols of the music piece,
the data of the note information and the data of the timing information are included in normal event data of a note or musical score symbol, and
the data of said first attribute information and said second attribute information are imparted, as attribute event data, to normal event data of a corresponding note or musical score symbol.

14. *(Currently Amended)* A machine-readable storage medium as claimed in claim 12, wherein:
said musical score displaying data for a music piece include a group of event data representative of note or musical score symbols of the music piece,
the data of the note information and the data of the timing information are included in normal event data of a note or musical score symbol, and
the data of said first attribute information and said second attribute information are included in normal event data of a corresponding note or musical score symbol.

15. *(Currently Amended)* A musical score display apparatus for displaying a musical score on the basis of musical score displaying data, said musical score displaying data comprising:
data of note or musical score information indicative of a note or musical score symbol to be visually displayed;
data of timing information indicative of a horizontal display position on a musical score where the note or musical score symbol is to be placed; and
data of attribute information for controlling a display position of the note or musical score symbol, said attribute information including at least one of first attribute information designating

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

a horizontal offset display position relative to the display position indicated by the timing information-~~and~~ or second attribute information designating a vertical offset display position relative to a specific display position,

wherein said musical score display apparatus comprises:

a display section; and

a processing section coupled with said display section and adapted to:

determine a note or musical score symbol to be displayed on a musical score, in accordance with the note or musical score information;

determine a horizontal display position on the musical score where the note or musical score symbol is to be placed, in accordance with the timing information; and

perform at least one of ~~a process for, in accordance with said first attribute information,~~ changing the horizontal display position of the note or musical score symbol from the determined display position ~~and a process for, in accordance with said second attribute information,~~ in accordance with said first attribute information or vertically varying the display position of the note or musical score symbol in accordance with said second attribute information,

wherein said display section displays the note or musical score symbol on a musical stave in accordance with ~~the process performed by~~ said processing section.

16. *(Currently Amended)* A computer-readable storage medium storing a computer-executable program containing a group of instructions for causing a computer to ~~perform display~~ musical score ~~display processing~~ based on musical score displaying data, said musical score displaying data comprising:

data of note or musical score information indicative of a note or musical score symbol to be visually displayed;

data of timing information indicative of a horizontal display position on a musical score where the note or musical score symbol is to be placed; and

data of attribute information for controlling a display position of the note or musical score symbol, said attribute information including at least one of first attribute information designating a horizontal offset display position relative to the display position indicated by the timing information-~~and~~ or second attribute information designating a vertical offset display position relative to a specific display position,

wherein said ~~musical score display processing group of instructions~~ comprises:

SN. 10/669,782

ATTORNEY DOCKET NO. YAMA:057

~~a step of determining a note or musical score symbol to be displayed on a musical score, in accordance with the note or musical score information;~~

~~a step of determining a horizontal display position on the musical score where the note or musical score symbol is to be placed, in accordance with the timing information; and~~

~~a step of performing at least one of a process for, in accordance with said first attribute information, changing the horizontal display position of the note or musical score symbol from the determined display position and a process for, in accordance with said second attribute information, in accordance with said first attribute information or vertically varying the display position of the note or musical score symbol in accordance with said second attribute information.~~

17. (*Currently Amended*) A computer-readable storage medium program as claimed in claim 16, wherein said musical score display processing further comprises ~~a step of, in accordance with determination or process by individual ones of said steps,~~ displaying the note or musical score symbol on a musical staff visually shown on a display section.